

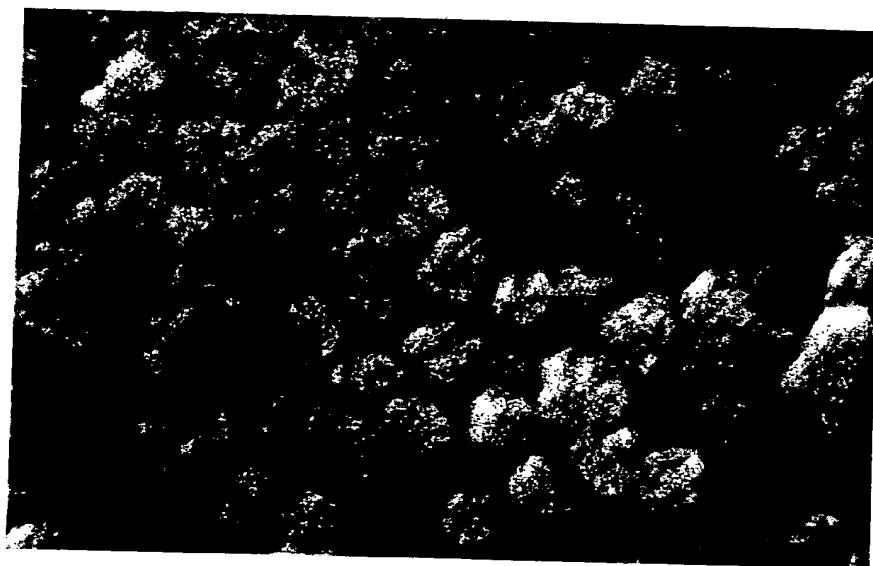
1113

FIG.1

104,000 *

DUPLICATION U.S. 3216789

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AVERAGE PARTICLE SIZE
~ 125 nm

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FIG.2

45.0 K E.2.2.7

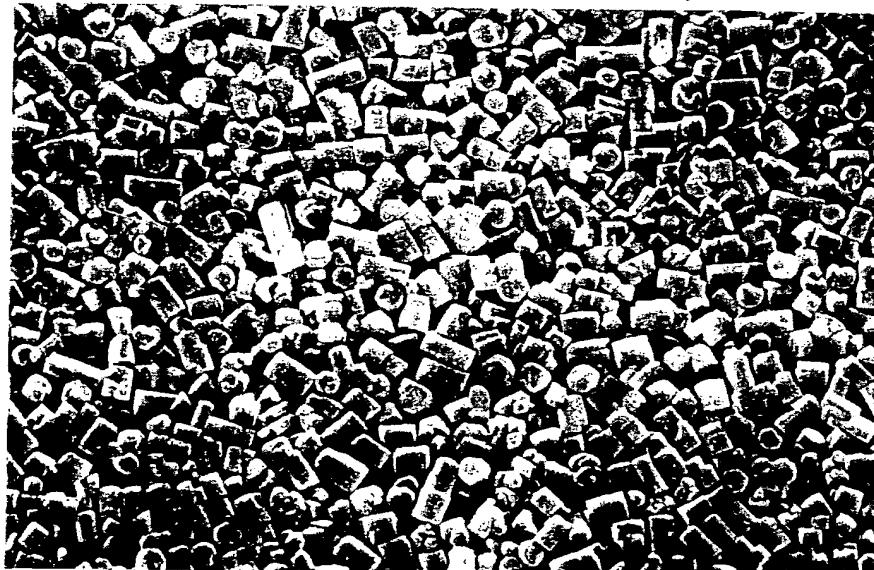
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CYLINDRICAL KL SYNTHESIZED IN THE
PRESENCE OF ppm QUANTITIES OF COLLOIDAL
KL AS SEED

FIG.3

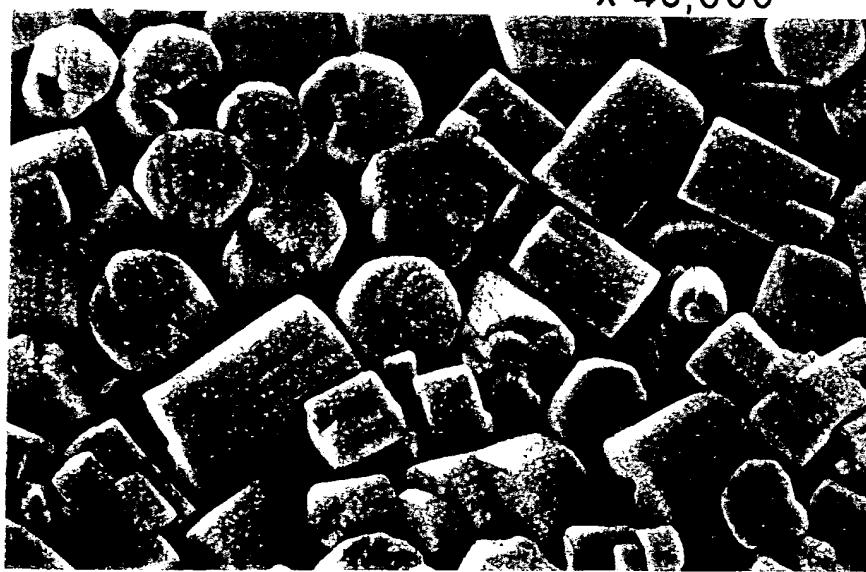
X 10,000*



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FIG.4

X 40,000*

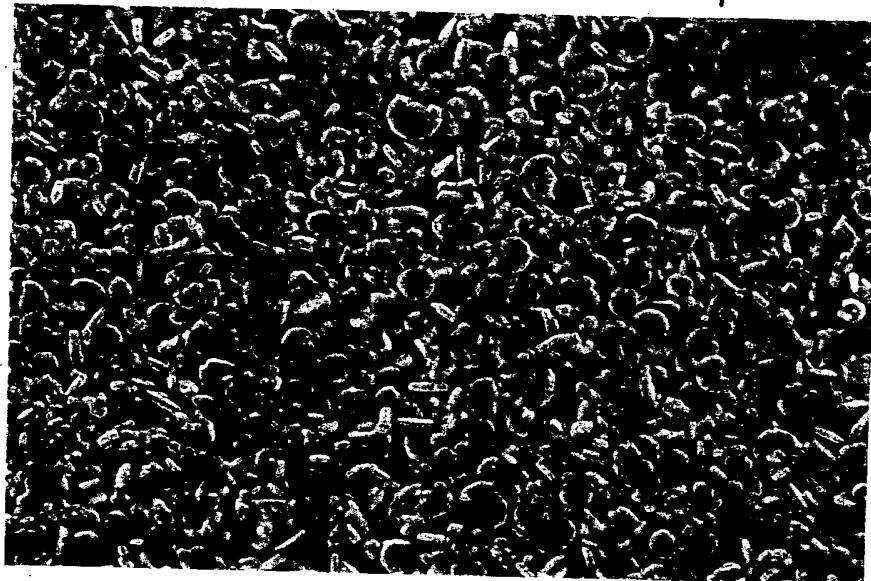


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HOCKEY PUCK TYPE KL SYNTHESIZED IN THE
PRESENCE OF ppm QUANTITIES OF COLLOIDAL
KL AS SEED

FIG.5

$\times 10,000^*$



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FIG.6

$\times 40,000^*$

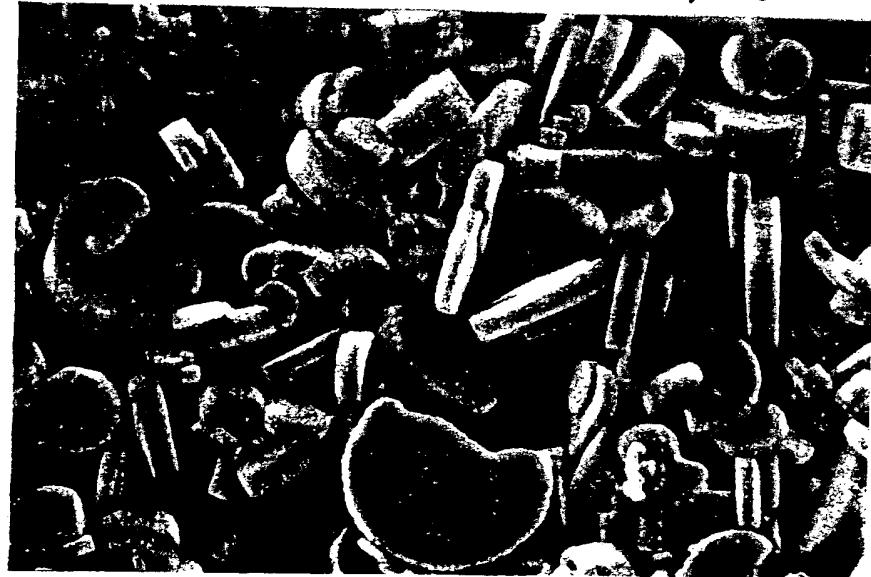


FIG. 7

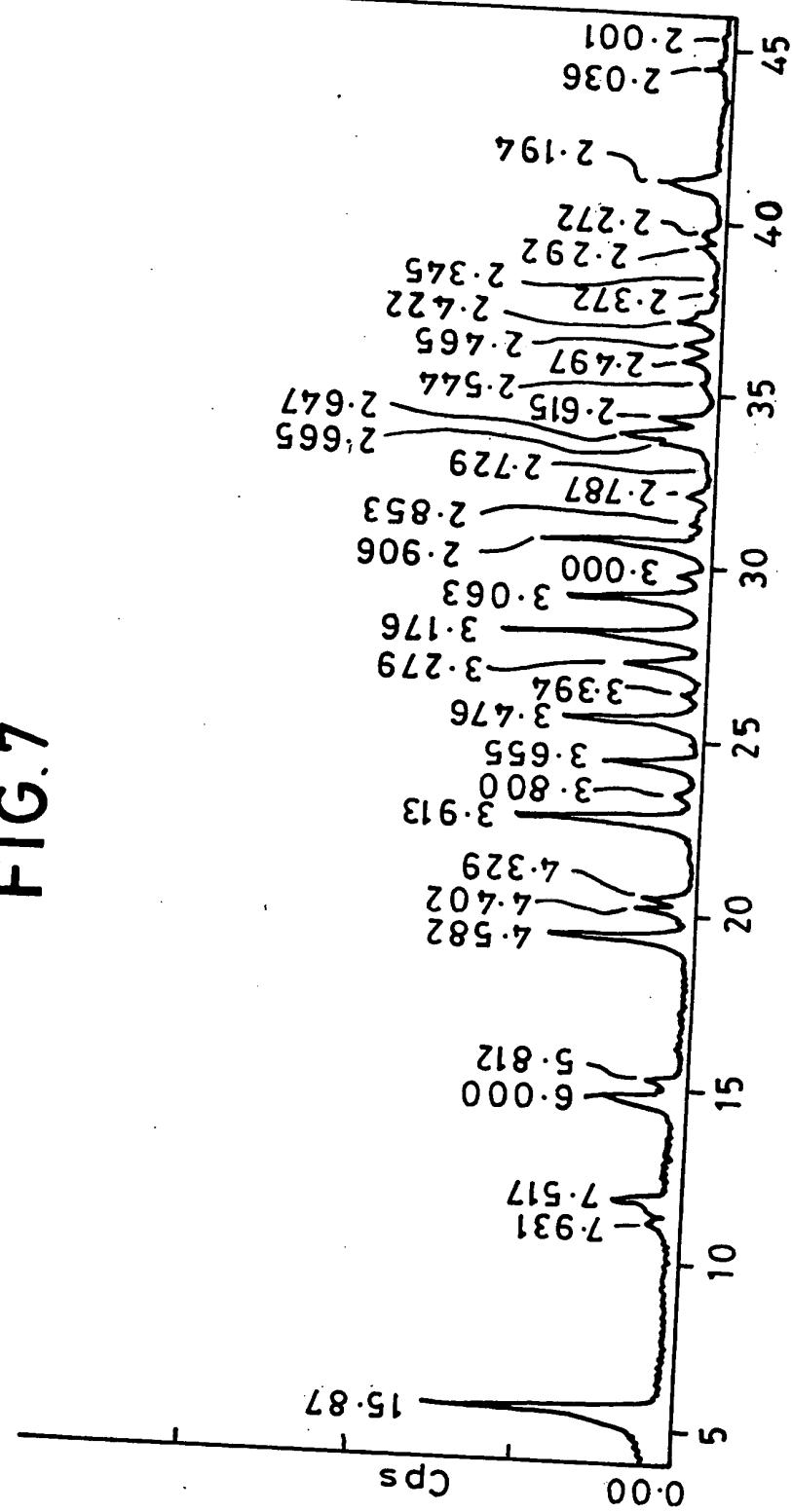


FIG. 8

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$\times 10,000^*$

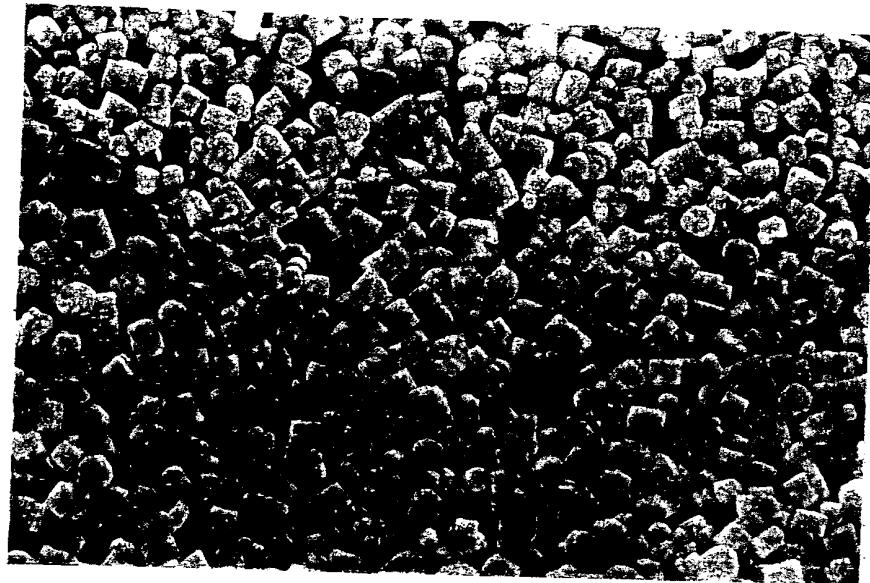


FIG. 9

$\times 40,000^*$



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Ga-LTL PRODUCTS OF EXPERIMENTS 1 & 2

FIG. 10

EX.1 Ga-LTL SYNTHESIZED WITH
50 wt ppm Mg^{2+} $\times 10,000^*$

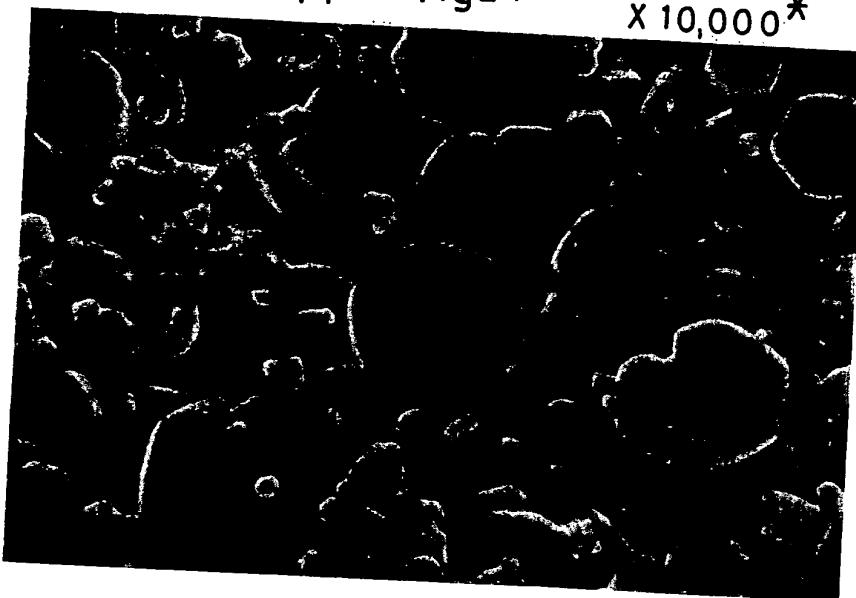


FIG. 11

EX.2 Ga-LTL SYNTHESIZED WITHOUT
 Mg^{2+} OR SEEDS

$\times 10,000^*$



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1000

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Ga-LTL PRODUCTS OF EXPERIMENTS 3 & 4

FIG.12

EX. 3 Ga-LTL SYNTHESIZED WITH 50 wt ppm
COLLOIDAL LTL SEEDS

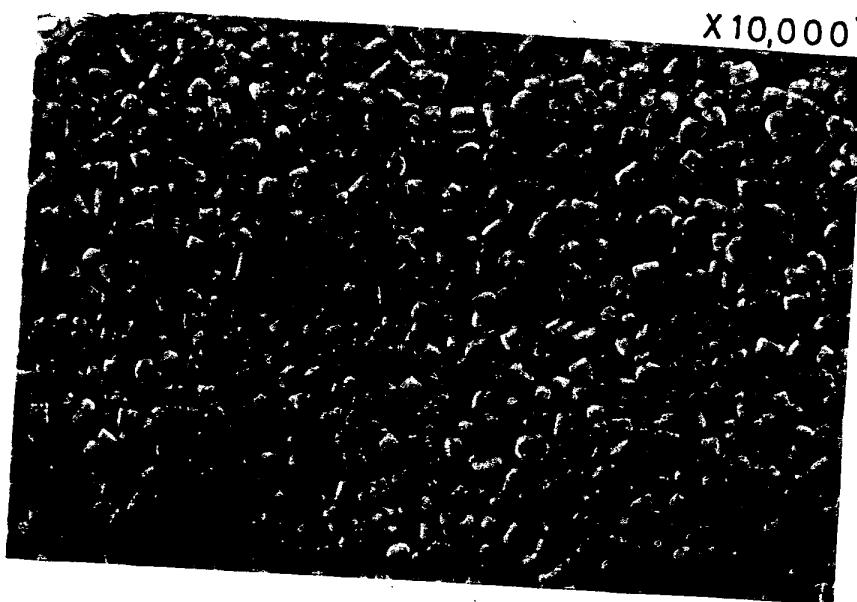
X10,000*



FIG.13

EX. 4 Ga-LTL SYNTHESIZED WITH 250 wt ppm
COLLOIDAL LTL SEEDS

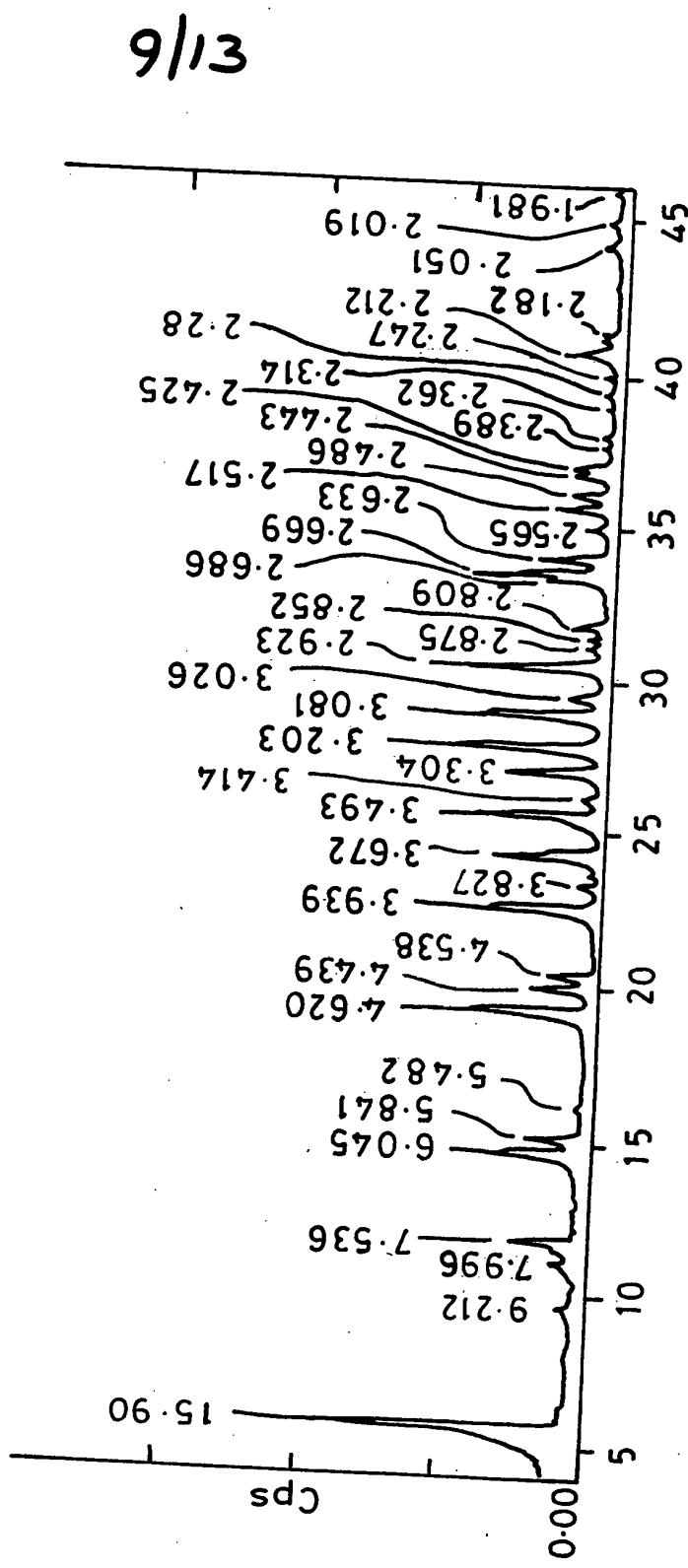
X10,000*



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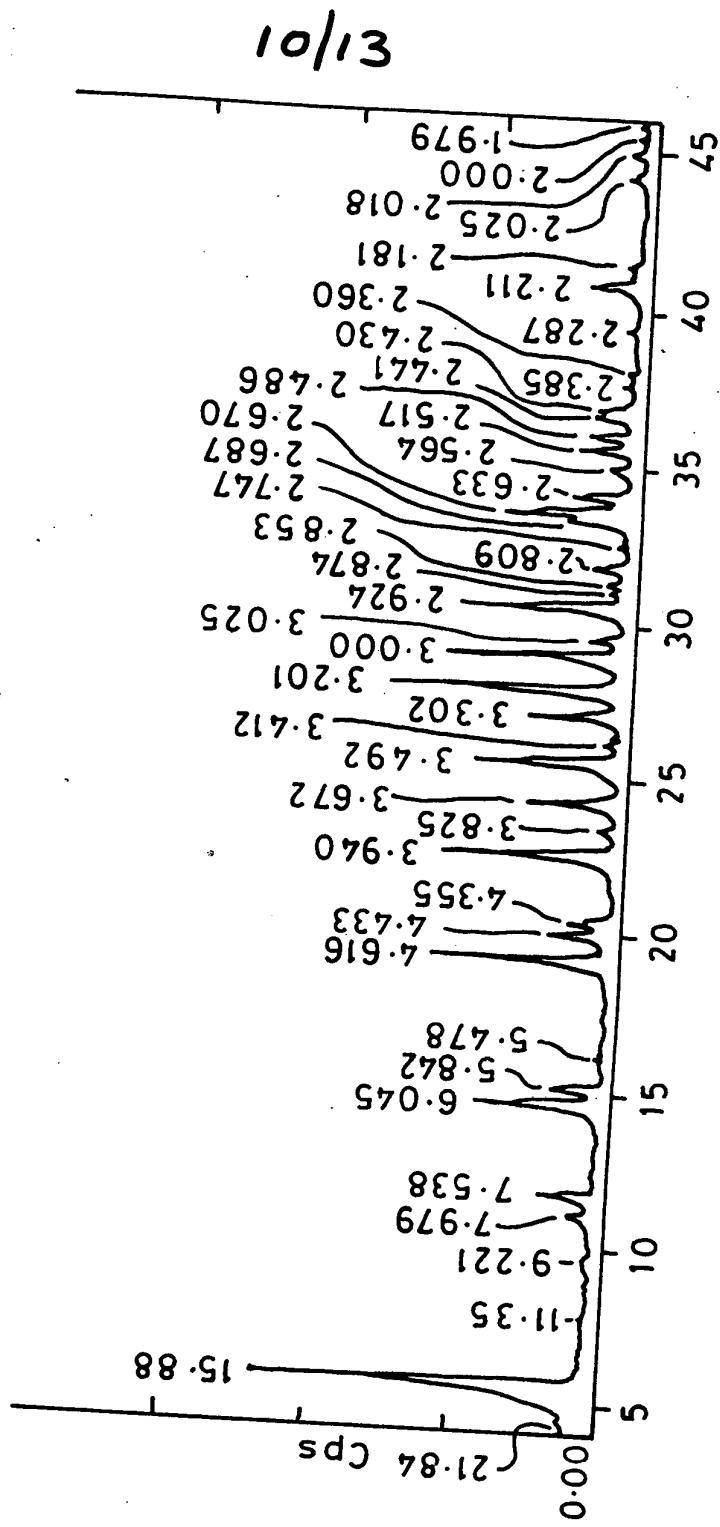
FIGURE 14 - FIGURE 15
Ga-LTL PRODUCTS OBTAINED IN EXPERIMENT 5

FIG. 14
Ga - LTL PRODUCTS OBTAINED IN EXPERIMENT 5
150°C SYNTHESIS



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FIG. 15
Ga-LTL PRODUCTS OBTAINED IN EXPERIMENT 5
175°C SYNTHESIS



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Ga-LTL PRODUCTS OF EXPERIMENT 5

FIG.16

150°C SYNTHESIS

x 40,000*



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FIG.17

175°C SYNTHESIS

x 40,000*

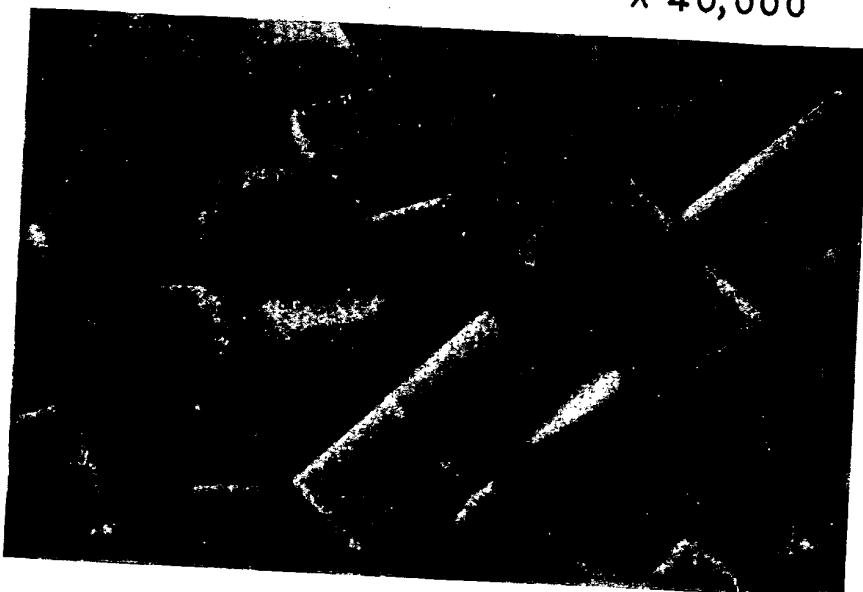
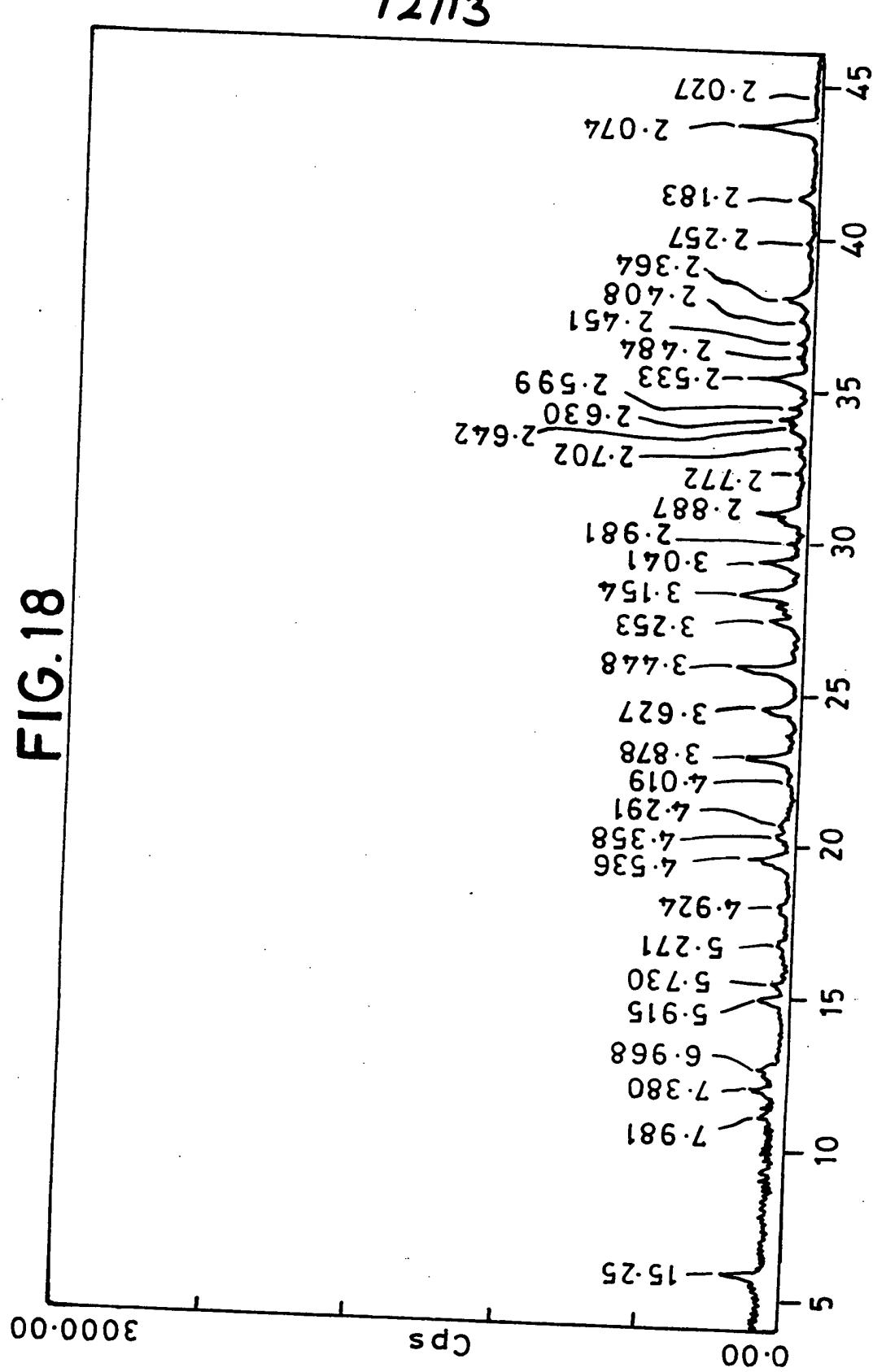


FIG. 18



TO 90050 - 46350

FIG. 19

